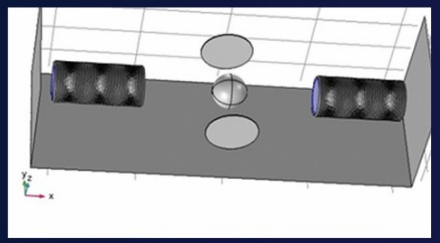

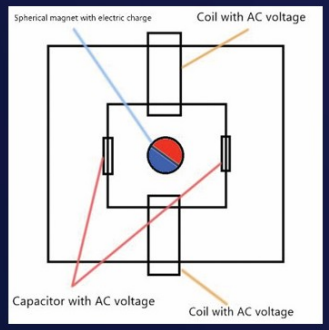

Due to this advanced knowledge, big changes can be made in the business of the aerospace industry. In the field of thrusters for space missions, it can be considered one of the undisputed competitors of thrusters manufacturers.
The global space propulsion market size was USD 6.23 billion in 2020. The market is projected to grow from USD 7.31 billion in 2021 to USD 19.74 billion in 2028 at a CAGR of %15.24 during the 2028-2021 period.

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In this invention, with the help of electromagnetic waves, it was possible for the first time to produce propulsion in the atmosphere and vacuum. This propulsive force is up to 0.5 newtons and its pulse duration is at least 10 hours in vacuum, the exact duration of which depends on the temperature conditions outside the atmosphere.

The lifespan of this device is much longer than similar samples, which is about 2 to 7 years, and it has a lifespan of more than 10 years.

The amount of energy consumed varies from 40 watts to 200 watts depending on the trust produced, and the weight of the device varies between 2 kg and 4 kg depending on the conditions in which it is used.

This device can be used in the atmosphere and deep space for space missions and controlling satellites in their orbital alignment.

Because this device does not use a gas source such as xenon gas, it has the ability to be used in more complex space missions, for example:

it enables the ability to change the orbital alignment of the satellite.

It also causes a severe decrease in energy in deep space over a long period of time, which itself has the potential to make space operations longer and more complex.

With its capabilities and features, this device is prone to revolution in the aerospace industry and makes space missions much easier and less expensive.

So far, this invention has been able to win the first place of the best invention in the international competitions of Switzerland and South Korea 2022.

In this invention, so far, two products have been made from a super-advanced scientific knowledge.